



PATENT APPLICATION

In re the Application of

H. Bruce GOODBRAND et al.

Application No.: 10/709,193

Docket No.: 118091

Filed: April 20, 2004

For: PROCESS FOR PREPARING IODOAROMATIC COMPOUNDS AND USING THE
SAME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

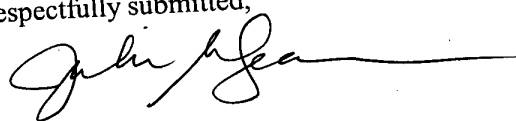
Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- ☒ 3. English-language Abstracts of non-English language references 8-15, 25-32 and 40-46 are attached hereto.

The PTO did not receive the following
listed Items(s) 2 NPL

- ☒ 4. A computer-generated English translation of the following Japanese references has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and is attached, but has not been reviewed for accuracy. See References 44-46.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Julie M. Seaman
Registration No. 51,156

JAO:JMS/brc

Date: August 6, 2004

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

**DEPOSIT ACCOUNT USE
AUTHORIZATION**
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Sheet 1 of 4Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
118091APPLICATION NO.
10/709,193

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS
H. Bruce Goodbrand et al.FILING DATE
April 20, 2004

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	3,180,730	04/27/1965	Klupfel et al.		
	2	4,265,990	05/05/1981	Stolka et al.		
	3	4,764,625	08/16/1988	Turner et al.		
	4	5,220,020	06/15/1993	Buchwald et al.		
	5	5,227,538	07/13/1993	Buchwald et al.		
	6	5,286,878	02/15/1994	Buchwald et al.		
	7	5,292,893	03/08/1994	Buchwald et al.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	8	JP B 55-042380	03/25/1980	Japan		
	9	JP B 56-040835	04/17/1981	Japan		
	10	JP A 58-0198043	11/17/1983	Japan		
	11	JP A 63-314554	12/22/1988	Japan		
	12	JP A 01-280763	11/10/1989	Japan		
	13	JP A 02-178666	07/11/1990	Japan		
	14	JP A 02-178667	07/11/1990	Japan		
	15	JP A 02-178668	07/11/1990	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


	16	Artis Klapars and Stephen L. Buchwald, <i>Copper-Catalyzed Domino Halogen Exchange-Cyanation of Aryl Bromides</i> , J. Am Chem. Soc. 2003, 125, 2890-2891 (web release Feb. 15, 2003).
	17	Artis Klapars and Stephen L. Buchwald, <i>Copper-Catalyzed Halogen Exchange in Aryl Halides: An Aromatic Finkelstein Reaction</i> , J. Am Chem. Soc. 2002, 124, 14844-14845 (web release Nov. 20, 2002).

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: August 6, 2004

 US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 118091		APPLICATION NO. 10/709,193		
Form PTO-1449 (REV. 8-83) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS H. Bruce Goodbrand et al.				
		FILING DATE April 20, 2004		GROUP		
		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	18	5,442,119	08/15/1995	Buchwald et al.		
	19	5,489,682	02/06/1996	Buchwald et al.		
	20	5,491,233	02/13/1996	Buchwald et al.		
	21	5,576,460	11/19/1996	Buchwald et al.		
	22	5,847,166	12/08/1998	Buchwald et al.		
	23	5,856,596	01/05/1999	Nukada		
	24	6,072,085	06/06/2000	Verdaugur et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	25	JP A 02-178669	07/11/1990	Japan		
	26	JP A 02-178670	07/11/1990	Japan		
	27	JP A 02-190862	07/26/1990	Japan		
	28	JP A 02-190863	07/26/1990	Japan		
	29	JP A 02-230255	09/12/1990	Japan		
	30	JA A 03-078756	04/03/1991	Japan		
	31	JP A 03-078755	04/03/1991	Japan		
	32	JP A 03-078757	04/03/1991	Japan		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Form PTO-1449 (REV. 8-83)		Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 118091		APPLICATION NO. 10/709,193	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS H. Bruce Goodbrand et al.			
				FILING DATE April 20, 2004		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	33	6,166,226	12/26/2000	Buchwald et al.			
	34	6,235,871 B1	05/22/2001	Singer et al.			
	35	6,235,936 B1	05/22/2001	Buchwald et al.			
	36	6,307,087	10/23/2001	Buchwald et al.			
	37	6,323,366	11/27/2001	Wolfe et al.			
	38	6,395,916 B1	05/28/2002	Buchwald et al.			
	39	6,465,693	10/15/2002	Buchwald et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	40	JP A 03-144058	06/19/1991	Japan			
	41	JP A 04-133064	05/07/1992	Japan			
	42	JP A 04-193852	07/13/1992	Japan			
	43	JP A 04-0312558	11/04/1992	Japan			
	44	JP A 05-019509	01/29/1993	Japan			
	45	JP A 05-080550	04/02/1993	Japan			
	46	JP A 05-313386	11/26/1993	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER						DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Sheet 4 of 4

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 118091		APPLICATION NO. 10/709,193	
				APPLICANTS H. Bruce Goodbrand et al.			
				FILING DATE April 20, 2004		GROUP	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	47	US 2002/0156295 A1	10/24/2002	Buchwald et al.			
	48	US 2004/0010149 A1	01/15/2004	Buchwald et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: August 6, 2004